



# Radiac Set AN/VDR-2

**Description:** The AN/VDR-2 is used to perform ground radiological surveys in vehicles or in the dismounted mode by individual soldiers as a hand-held instrument. The set can also provide a quantitative measure of radiation to decontaminate personnel, equipment, and supplies. Components of the AN/VDR-2 include the Radiacmeter IM-243, Probe DT-616, and pouch with strap.

Installation kits are available as common table allowances (CTA) items for installation of the AN/VDR-2 in various military vehicles. The set includes an audible and/or visual alarm that is compatible with vehicular nuclear, biological and chemical protective systems in armored vehicles and also interfaces with vehicular power systems and intercoms.



**Mission:** Detect and measure nuclear radiation from fallout and radioisotopes.

**User:** U.S. Army and U.S. Marine Corps.

**Capabilities:**

- Ratemeter and integrated dose
- Settable audio and visual rate and dose alarms
- Measures dose rate from 0.1 $\mu$ Gy/hr - 230 Gy/hr
- Measures total dose from 0.1 $\mu$ Gy - 999 Gy

**Improvements over IM-174 and AN/PDR-27:**

- Replaces both instruments
- Has alarms and measures dose
- Built-in test
- Stable long-term calibration



For additional information, please contact Program Director-Detection, ATTN: AMSSB-PM-RNN-D, Aberdeen Proving Ground, MD 21010-5424. The Program Director can also be contacted by E-mail (pd.detection@sbccom.apgea.army.mil), by telephone at (410) 436-3526 or DSN 584-3526, or by fax to (410) 436-8929.